

### ABSTRACT OF THE DISCLOSURE

The invention relates to labeled or unlabelled nucleic acids to specifically bind to DNA of human adenoviruses (HAdV DNA), whereby the nucleic acid a) possesses the sequence SEQ ID NO. 1, SEQ ID NO. 2, or SEQ ID NO. 3, b) possesses a sequence with a homology of greater than 78% with respect to SEQ ID NO. 1, SEQ ID NO. 2, or SEQ ID NO. 3, or c) is complementary with respect to a nucleic acid according to a) or b). Also described are methods for the detection of HAdV DNA.